

MSEGDAVKVCVRVRPLIQREQDOANLOWKAGNNTISQVDGIKSFNFDRV	50
FNSHES[T]SQIYQEIAVPTTR[ALOGYNGTIFAYGOTSSGKYTYTMMGTPNS	100
LGI[IPOAIQEVEKI]QEIPNREFLLRVSYMEIYNETVKDL[CDDRRKKPL	150
EIREDFNRNVYVADLTEIUMVPEHVIQWIKKGEKNRHYGETKHNDHSSR	200
SHTIFRMIVESRDRNDETNSE[NQDGAMMVS]HLNLVDLAGSERASOTGAEG	250
VRLKEGCNI[NRSILFILGOVIKKLSDGOAGGFINYRDSKLTRILONSLGGN	300
AKTVI[ICTITPVS]RDET[STLOFASTAKHVRNTPHVNEVLDDEALLKRYR	350
KEIDLKKOLENLESSETKAQAMAKEEHTOLLAEIKQLHKEREDRIWHL	400
[INIVMASSOESQQDQRVKRKRRVTWAPGK]QNSLHASGVSDFDMLSR[G	450
NFSKKAKFSDMPSFPEIDDSVCTEFSDFDAISMMDSNGIDAENWNLASKV	500
THREKTSLHQSMIDFGQISDSVQFHDSSENQLOQYLPKDSDGMAECRKAS	550
FEKEITSLOQQOLQSKEEEKKELVQSFelKiaeLeeQLSVKAKNLEMVTNS	600
[REHSINA]EVQTDVEKEVVRKEMSVLGDSGYNASNSDLQDSSVDGKRLSSS	650
HDECIEHRKMLEQKIVDLEEFIENLNKSENDKQKSSEQDFMESIQLCEA	700
IMAEKANALEELALM[RONFDNI]LENETLKREIADIERSLKENOETNEFE	750
I[LEKE]TOKEHEAO[LIHEI]GS[LKKL]VENAEMYNONLEEDLET[TKT]L[KEOE]	800
IQLAE[TRKRA]DNLQKKVRNFDSL[V]SMGDSEKLCEEIFOLKOSLSDAEAVT	850
RDAQKECSFLRSENLELKEKMEDTSNWYNOKEKAASUFEKQLETEKSNYK	900
KMEADIOKELOS[AFNE]INY[NGU]LAGKVP[RD]LISRVELE[KV]SEFSKQLE	950
KALEEKNALENEVTCLSEYKF[LPN]NEVEQ[CKNQ]ISKA[SEE]IMLLKOEGEHS	1000
ASIISKQEIIMQE[EQ]OILOLTDEVTH[QSKVQO]EEQYLEMKMHD[DLF]	1050
EKYIRNKSEAED[LLREMENLKGTMESVEVKIADTKH[E]EFTIRDKEQLH	1100
EKKYFFQAMQTIFPITPLSDSLPPSK[VEGNSQDP]EINDYHN[IALATE]	1150
RNNIMVCLET[ERN]SLREQVIDINTOQSIQAQSIEKSD[OKPKQDLEE]GE	1200
VKLLLEMELIKGHLTDSQLS[TEK]IOL[ENLEVTEKI]OTI[Q]EEM[KNIT]IERN	1250
ELOTNFEDLKAEHDS[LD]QDISENIEQS[ETODELRAAQEEIREQKQIVDS	1300
FRQQLLDCSVGIISSPNHDAVANQE[KVSLGEVNSL]SEMLRGERDELQTC	1350
KALVSELELLRAHVKS[VEGEN]IEITKK[ING]EKEILGKSESEVLKSMLE	1400
NLKEDUNNKLKEQAAEYSSKENQFSLEEVFGSQKLVDEIEVLKAQ[KA]AE	1450
E[ERLEIKD]DYFELVQ[TANTNLVEGKDETPLLOADHEEDSIDRRSEEMEIKV	1500

FIG. 1C1.

GEKLERNOYLERLOE~~E~~KLELSN~~E~~KLEMETSVLLKD~~E~~QOKLES 1550
 LSENII~~E~~KENIDT~~E~~KHHSDTOAQL~~E~~KTQQLAKNLAIASDNCPI~~E~~TQ 1600
 EKETSADCVHPL~~E~~EKI~~E~~L~~E~~TEEHQKTNE~~E~~KEKLLHEKNELEQAQVE~~E~~KCE 1650
 VEH~~E~~MKS~~E~~MIESKSSLESLQHEKHD~~E~~EQQL~~E~~LA~~E~~KQMQVVTQEKKE~~E~~QOTH 1700
 EHLTAEVDH~~E~~KENIELGLNFKNEA~~E~~QKTTKEQCLLNEN~~E~~KELEQSQHRLQC 1750
 EIEELMKS~~E~~KDKESAIETLK~~E~~SEQKVINLNQEMEMVMLEMEELKNSQRTV 1800
 IAERDOLQDDLR~~E~~MEMS~~E~~ITQDDLRLKAQEALQQQKDKVQELTSQISVLQ 1850
 EKISLLENQMLYNVATVKET~~E~~SERDDLQNQSKQHLFSEIETCSLSLK~~E~~KEF 1900
 ALEQAE~~E~~DKADAARKTIDITE~~E~~KISN~~E~~EEQLLQQATHL~~E~~KET~~E~~YERESLIQC 1950
 KEQLA~~E~~NTE~~E~~HLRETL~~E~~SKDLALGKMEQERDEAAN~~E~~VIALTEKMSSLEE~~E~~QI 2000
 NE~~E~~NVTT~~E~~KEGE~~E~~GEKE~~E~~FYLRP~~E~~SK~~E~~QOSSSQ~~E~~MEELRESL~~E~~TKD~~E~~LOLEEAEK 2050
 EISEATNE~~E~~JKN~~E~~TAKISS~~E~~EEILQ~~E~~NASILNEAVSERENLRHSKQOIV~~E~~ 2100
 LEQ~~E~~LSLT~~E~~LSRDHAF~~E~~OSKREKDEAVNKIASLAE~~E~~IK~~E~~ILT~~E~~KEMDEFRD~~E~~SK 2150
 ES~~E~~OEQSSH~~E~~SEELCTY~~E~~TEL~~E~~OM~~E~~QOKE~~E~~DINNKLA~~E~~KV~~E~~EVDEL~~E~~LQHLS 2200
 S~~E~~KEQID~~E~~O~~E~~ME~~E~~LRNE~~E~~KIRNY~~E~~LC~~E~~KMD~~E~~IME~~E~~KEISV~~E~~RLMQNEPQ~~E~~EDD 2250
 VAERMDI~~E~~LES~~E~~QNQEIQELMEKISAVYSE~~E~~HT~~E~~ULS~~E~~SI~~E~~SELQ~~E~~TEAH~~E~~H 2300
 MLNIKESLS~~E~~TLSRSFGS~~E~~QTEHV~~E~~K~~E~~NTQLQTLLNKF~~E~~KV~~E~~YR~~E~~AAVK~~E~~D~~E~~H 2350
 SL~~E~~KDY~~E~~KD~~E~~LAA~~E~~QKRHDE~~E~~IRLQI~~E~~OCLE~~E~~HGRKWS~~E~~DSA~~E~~SEE~~E~~KFCEIEFL 2400
 NELLFKKANI~~E~~QSVQDF~~E~~SEVQVFLNQVGSTI~~E~~QEEIEHKKGFMQW~~E~~LEEF~~E~~G 2450
 DLHV~~E~~UAKK~~E~~SEGMOENR~~E~~IASTIQLLT~~E~~RLKAVVQSKIQR~~E~~ITVYLNQF 2500
 EAK~~E~~QEKKEONKE~~E~~MRRMEHHGPSASVMEEE~~E~~NARLLGILKTVQDES~~E~~KKL~~E~~ 2550
 SR~~E~~KM~~E~~LENE~~E~~NLVKDDAMHKGE~~E~~KVAIL~~E~~DK~~E~~LSRN~~E~~AEELNAMQV~~E~~LT~~E~~KK 2600
 QDN~~E~~QAA~~E~~AMKE~~E~~JEN~~E~~OKM~~E~~VAKGAVPYKEE~~E~~DN~~E~~L~~E~~K~~E~~V~~E~~K~~E~~EME~~E~~K~~E~~Y~~E~~SKAT 2650
 DQE~~E~~JAYL~~E~~SCIEDKE~~E~~EGI~~E~~R~~E~~LUKE~~E~~LLRA~~E~~ADND~~E~~TCVPKDYQKA~~E~~STF~~E~~V 2700
 TCGGGSGIVOSTAM~~E~~V~~E~~OSEKAALERELSHY~~E~~KKYHH~~E~~LSRTMSSSED~~E~~R~~E~~KK 2750
 TKAKSDAHS~~E~~SHTGSSHRGSPH~~E~~TYRHGP~~E~~V~~E~~PERSEM~~E~~SLHLG~~E~~SPKKSE 2800
 SST~~E~~KRVVSPNRSEIYSQLVMSPGKTGHKHILSPSKVGLHKKRALSPNRS 2850
 EMPTQHVISPGKTGLH~~E~~KNL~~E~~TESTI~~E~~FDNLS~~E~~SPCKQKVQENLN~~E~~SPKGKL~~E~~D 2900
 VKSKSMPYCP~~E~~SQFFDNSKLGDFSELNTAESNDKSQAENWWYEAKKETAPE 2950
 CKTS

FIG. 1C2.

4 / 4

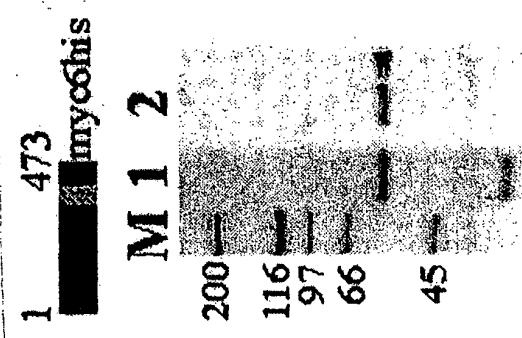


FIG. 2A.

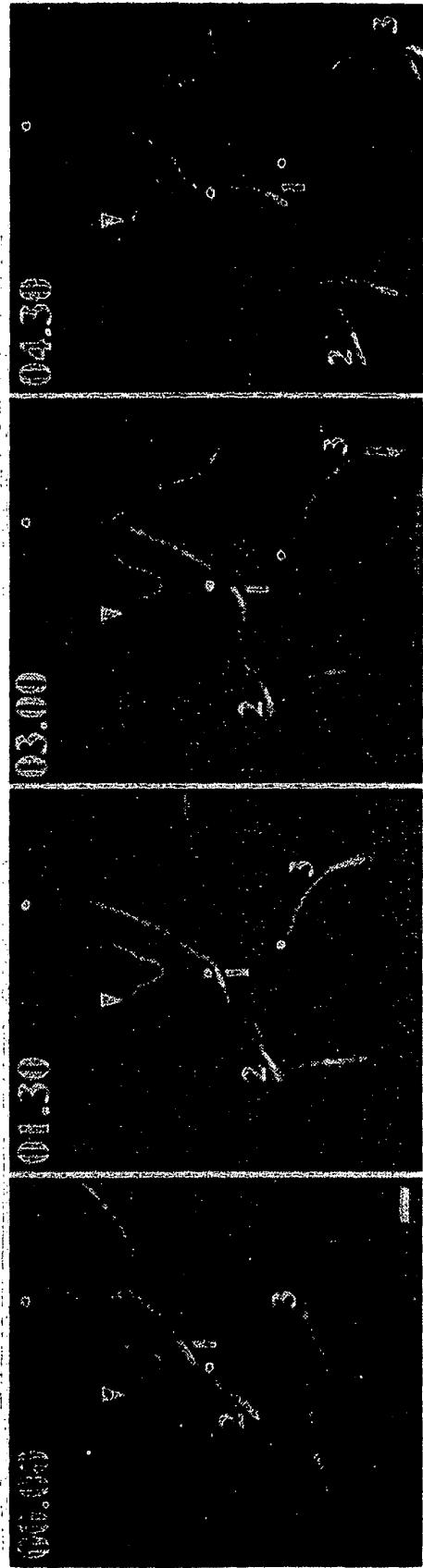


FIG. 2B.